Index of Claims

Application/Control No.

10/797,151 Examiner

Kuo-Liang Peng

Applicant(s)/Patent under Reexamination

OKAMOTO ET AL.

Art Unit

1712

| √ | Rejected |
|---|----------|
| _ | Allowed  |

- (Through numeral)
Cancelled
+ Restricted

Non-Elected

I Interference

A Appeal
O Objected

| Cla                    | Claim Date |          |           |   |  | Cla      | aim      | Date            |                 |          |  |          |                   | ľ        | Cla               | aim             | Date          |                         |           |   |              |            |          |          |              |           |           |          |          |          |          |
|------------------------|------------|----------|-----------|---|--|----------|----------|-----------------|-----------------|----------|--|----------|-------------------|----------|-------------------|-----------------|---------------|-------------------------|-----------|---|--------------|------------|----------|----------|--------------|-----------|-----------|----------|----------|----------|----------|
|                        | al         | 9        |           |   |  |          |          |                 |                 |          |  | ai       | П                 |          |                   |                 |               |                         |           | ſ |              |            | $\Box$   |          | Т            |           |           |          |          |          |          |
| Final                  | Original   | 5/19/06  |           |   |  |          |          |                 |                 |          | Finat  | Original |                   | -        |                   |                 |               |                         |           |   | Final        | Original   |          |          | 1            |           |           | ļ        |          |          |          |
| ш.                     | ō          | 2        |           |   |  |          |          |                 | H               |          | ш.   | ō        | 1                 |          |                   |                 |               |                         |           |   | <u>ا</u> ــا | Ö          |          |          |              |           |           |          | .        |          |          |
| <u> </u>               | 1          | 1        | $\vdash$  |   | $\vdash$   | $\vdash$ | $\vdash$ | Н               | Н               |          |  | 51       | $\vdash$          | +        | ╁                 | $\vdash$        | -             | +-+                     |           | - | -            | 101        | $\dashv$ | +        | +            | $\dashv$  | $\dashv$  | -        | $\dashv$ | $\dashv$ | =        |
|                        | 2          | 1        | $\vdash$  | _ | ┝  | -        | -        | $\vdash$        | Н               | _        | -  | 52       | $\vdash$          | +        | +                 | Н               | _             | + +                     | $\dashv$  | ŀ |              | 102        | $\dashv$ | +        | ╅            | +         | $\dashv$  |          | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 3          | V        | $\vdash$  |   |  |          | $\vdash$ | Н               | Н               | _        |  | 53       | $\vdash$          | $\dashv$ | +                 | $\vdash$        | _             | 17                      | $\dashv$  | ŀ | $\dashv$     | 103        | _        | +        | +            | +         | $\dashv$  | _        | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 4          | 1        | Т         | _ |  |          |          |                 | П               |          |  | 54       |                   | $\top$   | †                 | П               | $\top$        | 11                      | 7         | - |              | 104        | $\neg$   | _        | $\top$       | ┪         | ᅥ         | $\neg$   | $\dashv$ | $\dashv$ | $\sqcap$ |
|                        | 5          | 1        |           |   |  |          |          |                 |                 |          |  | 55       |                   |          | T                 | П               |               |                         |           | - |              | 105        | T        | 7        |              | $\exists$ | ┪         |          | $\Box$   | $\neg$   | П        |
|                        | 6          |          |           |   |  |          |          |                 |                 |          |  | 56       |                   |          |                   |                 |               |                         |           |   |              | 106        |          |          |              |           |           |          |          |          |          |
|                        | 7          |          | _         |   | $ldsymbol{ld}}}}}}$ |          |          |                 | Ш               |          |  | 57       |                   | $\perp$  |                   | Ш               |               |                         | _         | L |              | 107        |          |          | $\perp$      |           |           |          |          |          |          |
|                        | 8          |          |           | _ | $oxed{oxed}$   |          | Ш        | Ш               | Ш               |          |  | 58       | $\sqcup$          |          | 4                 | Ш               |               | $\bot \bot$             |           | Ļ |              | 108        | _        |          | 4            | _         | _         | _        | $\dashv$ | _        | $\dashv$ |
|                        | 9          |          |           | _ | ⊢  |          | Н        | Н               | Н               |          |  | 59       |                   | +        | +                 | Н               | _             | 1-1                     |           | - | -            | 109        | -        | -        | 4            | 4         | $\dashv$  | -        | $\dashv$ |          | $\dashv$ |
| -                      | 10<br>11   | -        | _         | - | -  | -        | -        | $\vdash$        | Н               | _        | _  | 60       | $\vdash$          |          | +                 | H               | - -           | +-+                     |           | ŀ |              | 110<br>111 | +        | +        | +            | -         | $\dashv$  | -        | $\dashv$ |          | $\dashv$ |
|                        | 12         |          |           | - | ┞  |          | -        | $\vdash$        | Н               | _        | <u> </u>   | 61<br>62 | $\vdash$          | +        | +                 | $\vdash$        |               | ++                      |           | - |              | 112        | -        | +        | +            | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 13         | $\vdash$ |           |   | $\vdash$   | $\vdash$ |          | $\vdash$        | $\vdash$        |          | <del>                                     </del> | 63       | $\vdash$          | +-       | +                 | $\vdash$        | +             | +                       | $\dashv$  | ŀ |              | 113        | $\dashv$ | $\dashv$ | +            | $\dashv$  | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 14         | H        | Н         |   | Н  | Н        | H        |                 | $\vdash$        |          | $\vdash$   | 64       | $\vdash$          | +        | +-                | $\vdash$        | +             | + +                     | $\dashv$  | ŀ |              | 114        | $\dashv$ | $\dashv$ | 十            | $\dashv$  | ᅥ         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 15         | $\vdash$ |           |   | Н  |          |          | Н               | Н               | _        |  | 65       | $\vdash$          | +        |                   |                 | 十             | + +                     | $\dashv$  | ŀ |              | 115        | $\dashv$ | +        | +            | 十         |           | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 16         |          |           |   | П  |          |          | П               | П               |          |  | 66       | $\sqcap$          |          | T                 | П               | $\dashv$      | 1 1                     | $\exists$ | r |              | 116        | 寸        | $\dashv$ | +            | $\dashv$  | $\exists$ | $\neg$   | $\neg$   | $\neg$   | $\dashv$ |
|                        | 17         |          |           |   |  |          |          |                 | П               |          |  | 67       | П                 |          | 1                 | П               | 1             | $\Box$                  |           | ı |              | 117        | $\neg$   |          | $\top$       | T         | コ         |          | $\Box$   | ヿ        | П        |
|                        | 18         |          |           |   |  |          |          |                 |                 |          |  | 68       |                   |          |                   |                 |               |                         |           |   |              | 118        |          |          |              | $\Box$    |           |          |          |          |          |
|                        | 19         |          |           |   |  |          |          |                 |                 |          |  | _69      | Ш                 |          |                   |                 |               |                         |           |   |              | 119        |          |          | $\perp$      | $\Box$    |           |          | $\Box$   |          |          |
|                        | 20         |          |           |   | _  | _        |          | Ш               | Ш               |          | -  | 70       | $\sqcup$          |          |                   |                 |               | 4-4                     | _         | L |              | 120        | $\perp$  | $\perp$  | _            | 4         |           |          | _        | _        |          |
|                        | 21         |          |           |   | <u> </u>   | <u> </u> |          | Н               | Ш               |          |  | 71       | $\vdash$          | -4       | _                 | $\sqcup$        |               | $\bot$                  | 4         | Ļ |              | 121        | 4        | _        | 4            | 4         | _         | _        | _        | _        | _        |
| <u> </u>               | 22         |          |           | - | H  | _        | _        | $\vdash$        | Н               | _        |  | 72       | $\vdash +$        |          | -                 | $\vdash$        | _             | +                       |           | ŀ |              | 122        | $\dashv$ | +        | +            | 4         | -         | -        | -        | $\dashv$ | $\dashv$ |
| <u> </u>               | 23<br>24   | -        | $\cdot$   |   |  | -        | -        | Н               | Н               | _        |  | 73<br>74 | -                 | +        | +                 | $\vdash$        | +             | +                       |           | - |              | 123<br>124 | -        | -        | ┿            | $\dashv$  | ᅱ         |          | $\dashv$ | $\dashv$ | $\dashv$ |
| $\vdash$               | 25         | Н        | $\vdash$  |   | H  |          |          | Н               | Н               | _        |  | 75       | $\vdash$          | $\dashv$ | +                 | H               | +             | ++                      |           | ŀ | _            | 125        | -+       | +        | ╌            | +         |           | $\dashv$ | $\dashv$ | -        | $\dashv$ |
| _                      | 26         |          | Н         | - |  |          | -        | Н               | Н               | _        |  | 76       | $\vdash$          |          | +                 | H               | +             | + +                     |           | ŀ |              | 126        | -        | +        | +            | $\dashv$  | -         | 一        | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 27         | П        |           |   |  |          |          | П               | $\Box$          | _        |  | 77       |                   | +        | $\top$            | $\Box$          | $\top$        | 11                      |           | - |              | 127        | _        | +        | 十            | 7         | _         | 寸        | $\neg$   | $\dashv$ | $\dashv$ |
|                        | 28         |          |           |   |  |          |          | П               | П               | _        |  | 78       |                   | $\top$   | 1                 | H               | $\top$        | $\top$                  |           | 1 |              | 128        | _        |          | 十            | 7         | $\neg$    |          | $\neg$   | $\neg$   | $\dashv$ |
|                        | 29         |          |           |   |  |          |          |                 |                 |          |  | 79       |                   |          |                   | П               |               |                         |           |   |              | 129        |          |          | T            |           |           |          |          | $\neg$   | $\neg$   |
|                        | 30         |          |           |   |  |          |          |                 |                 |          |  | 80       |                   |          |                   |                 |               |                         |           |   |              | 130        |          |          |              |           |           |          |          |          |          |
|                        | 31         |          |           |   | Ш  | L        |          | Ш               |                 |          |  | 81       |                   |          |                   |                 |               |                         | _         |   |              | 131        |          |          |              |           | $\Box$    |          |          | $\Box$   |          |
| <u> </u>               | 32         |          | _         |   | ldash  |          |          | Ш               | $\sqcup$        |          |  | 82       | $\sqcup$          | _        | $\downarrow$      | Ш               |               | $\bot \bot$             | _         | L |              | 132        | _        | _        | $\perp$      | 4         | _         |          | $\dashv$ |          | $\dashv$ |
| <u> </u>               | 33         | Ш        | Н         | _ | $\vdash$   | $\vdash$ | Щ        | $\vdash \vdash$ | $\vdash \vdash$ | _        | $\vdash$   | 83       | $\vdash \vdash$   | - -      | +                 | $\sqcup$        |               | +                       | _         | Ļ |              | 133        | _        | _        | $\downarrow$ | 4         | 4         | _        | _        | _        | $\dashv$ |
| -                      | 34<br>35   | $\vdash$ | $\vdash$  | - | $\vdash$   | Н        | Н        | $\vdash \vdash$ | $\vdash \vdash$ | _        |  | 84<br>85 | $\vdash \vdash$   | +        | +                 | $\vdash \vdash$ |               | ++                      |           | ŀ |              | 134        | $\dashv$ | +        | +            | 4         |           | 4        | $\dashv$ | $\dashv$ | ᅴ        |
| $\vdash$               | 36         | $\vdash$ | $\vdash$  | _ |  | Н        | Н        | $\vdash \vdash$ | $\vdash \vdash$ | _        | $\vdash$   | 86       | $\dashv$          | +        | $\vdash$          | $\vdash$        | +             | ++                      | -{:::     | ŀ | -            | 135<br>136 | $\dashv$ | +        | +            | +         | -         | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
| <u> </u>               | 37         | H        | Н         |   | $\vdash$   | Н        | Н        | $\vdash \vdash$ |                 | $\dashv$ | $\vdash$   | 87       | $\vdash$          | +        | +                 | $\vdash \vdash$ | +             | ++                      |           | ŀ |              | 137        | $\dashv$ | +        | +            | $\dashv$  | -         | $\dashv$ | $\dashv$ |          | $\dashv$ |
|                        | 38         |          | -         |   | $\vdash$   | Н        | Н        | $\vdash$        | $\vdash$        | $\neg$   | $\vdash$   | 88       | $\vdash$          | +        | $\vdash$          | $\vdash$        | -             | ++                      | -         | ŀ |              | 138        | $\dashv$ | +        | +            | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 39         |          | П         |   |  |          | П        |                 | $\Box$          |          |  | 89       | $\sqcap$          | $\top$   | $\Box$            | $\sqcap$        | $\neg \vdash$ | $\top$                  | -         | ŀ |              | 139        | $\dashv$ | $\top$   | 十            | ┪         | 7         | _        | $\neg$   | 寸        | $\dashv$ |
|                        | 40         |          |           |   |  |          |          |                 |                 |          |  | 90       |                   |          |                   |                 |               |                         |           | r |              | 140        | 丁        | $\top$   | T            | ✝         |           |          | $\neg$   |          | $\neg$   |
|                        | 41         |          |           |   |  |          |          |                 |                 |          |  | 91       |                   | Ι        |                   |                 | $\perp$       |                         |           | ľ |              | 141        |          |          | I            | J         |           |          | J        |          |          |
|                        | 42         |          |           |   |  |          |          | Щ               |                 |          |  | 92       | П                 | $\perp$  | $\Box$            | $\square$       |               | $\Box$                  | _]        | Ľ |              | 142        | $\Box$   | $\Box$   | I            | $\Box$    |           | $\Box$   | $\Box$   |          |          |
| Ш                      | 43         | Ш        |           |   | Ш  | Ш        | Ш        | Щ               | $\sqcup$        |          |  | 93       | $\sqcup$          | 4        | $\sqcup$          | Ц               | $\bot$        | $\downarrow \downarrow$ | _         | L |              | 143        | $\perp$  | $\perp$  | $\perp$      | 4         | _[        | $\Box$   | $\Box$   |          | $\Box$   |
| $\vdash \vdash$        | 44         | Щ        |           |   | Щ  | Щ        | Ш        | dash            | $\vdash \vdash$ | _        |  | 94       | $\vdash$          | +        | $\vdash$          | $\sqcup$        | +             | $\vdash$                | _         | L | l            | 144        | $\dashv$ | $\perp$  | 4            | 4         | _         | _        | _        | $\dashv$ | _        |
| <del>  </del>          | 45         | ш        | Ш         | _ | Н  | $\vdash$ | Н        | $\vdash \vdash$ | $\square$       | _        |  | 95       | $\dashv$          | +        | $\vdash$          |                 |               | +                       |           | L |              | 145        | -        | - -      | 4            | 4         | 4         | _        | $\dashv$ | 4        | _        |
| $\vdash \vdash \vdash$ | 46<br>47   | $\vdash$ | $\vdash$  | _ | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash \vdash$ | $\vdash$        | -        |  | 96<br>97 | $\vdash$          | +        | +                 | $\vdash \vdash$ | +             | ++                      |           | ŀ | $\dashv$     | 146        | -+       | +        | +            | $\dashv$  | $\dashv$  | -        | $\dashv$ |          | $\dashv$ |
|                        | 48         |          | $\dashv$  |   | $\vdash$   | $\vdash$ | Н        | H               | $\dashv$        | $\dashv$ |  | 98       | +                 | ╌        | $\dashv$          | $\dashv$        | +             | +-+                     |           | ŀ |              | 147<br>148 | $\dashv$ | +        | +            | +         | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ |          |
|                        | 49         | $\vdash$ | $\dashv$  |   | $\vdash$   | $\vdash$ | $\vdash$ | $\vdash$        | $\vdash$        | -        |  | 99       | $\vdash \vdash$   | +        | $\forall$         | $\dashv$        | +             | +-+                     |           | ŀ |              | 149        | $\dashv$ | +        | +            | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | $\dashv$ | $\dashv$ |
|                        | 50         |          | $\exists$ |   | H  | Н        | $\vdash$ |                 |                 | _        |  | 100      | $\vdash \uparrow$ | $\dashv$ | $\dagger \dagger$ | $\dashv$        | _             | ++                      | $\dashv$  | ŀ |              | 150        | $\dashv$ | $\dashv$ | +            | $\dashv$  | $\dashv$  | $\dashv$ | $\dashv$ | ᅱ        | $\neg$   |
|                        |            |          |           |   |  |          |          |                 |                 |          |  |          |                   |          |                   |                 |               |                         |           |   |              |            |          |          |              |           |           |          |          |          |          |